



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:

EP 16 78 01 89

Classification of the application (IPC):

H04B 17/373, H04B 1/401

Technical fields searched (IPC):

H04L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2014226539 A1 (MCCOY JAMES W [US]) 14 August 2014 (2014-08-14) * claims 21-22,26-26; figures 5-6 *	1-11
X	WO 2012095683 A1 (NOKIA CORP [FI]; NOKIA INC [US]; PARSSINEN AARNO TAPIO [FI]) 19 July 2012 (2012-07-19) * claims 1-5; figure 3 *	1-11
X A	US 2009296609 A1 (CHOI HYUNG-NAM [DE] ET AL) 03 December 2009 (2009-12-03) * claims 1,5,6; figures 6,7 *	1, 8 2-7, 9-11

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 16 October 2018	Examiner Fonseca dos Santos
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 16-10-2018
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